PTO/SB/21 (08-03) Approved for use through 08/30/2003. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE e Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. **Application Number** 10/614,402 Filing Date TRANSMITTAL July 3, 2003 **FORM** First Named Inventor Ali, Anwar et al. Art Unit (to be used for all correspondence after initial filing) 2811 Examiner Name N/A Attorney Docket Number 02-6109 Total Number of Pages in This Submission **ENCLOSURES** (Check all that apply) After Allowance communication 1 Fee Transmittal Form Drawing(s) to Technology Center (TC) Appeal Communication to Board Fee Attached Licensing-related Papers of Appeals and Interferences Appeal Communication to TC Petition (Appeal Notice, Brief, Reply Brief) Amendment/Reply Petition to Convert to a Proprietary Information After Final Provisional Application Power of Attorney, Revocation Affidavits/declaration(s) Status Letter Change of Correspondence Address Other Enclosure(s) (please Terminal Disclaimer Extension of Time Request Identify below): Request for Refund **Express Abandonment Request** 1. Return Postcard 2. Copy of References CD, Number of CD(s) Information Disclosure Statement Remarks Certified Copy of Priority Document(s) Response to Missing Parts/ Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Leo J. Peters, Reg. No. 33,562 Firm Individual name Signature Date

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name

Mark Salvatore

Signature

Date

Date

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/17 (10-03) Approved for use through 07/31/2006. OMB 0651-0032

Under the perwork Reduction Act of 1995, no persons are requir	U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE on Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.						
2000							
FEE TRANSMITTA		Application Number		Num <u>b</u>	er 10/614,402		
for EV 2004		Filing Date			July 3, 2003		
for FY 2004		First Named Inventor		Inver	ntor Ali, Anwar et al.		
Effective 10/01/2003. Patent fees are subject to annual revision.		Exam	iner N	ame	N/A		
Applicant claims small entity status. See 37 CFR 1.27		Art U	nit		2811		
TOTAL AMOUNT OF PAYMENT (\$) 0.00		Attorr	ney Do	cket N	lo. 02-6109		
METHOD OF PAYMENT (check all that apply)					ECALCULATION (continued)		
Check Credit card Money Other None	3. <i>F</i>	DDITI	ONA	FEE	:S		
Order Order		Entity			-		
Denosit	Fee Cod	Fee e (\$)	Fee Code	Fee (\$)	Fee Description Fee Paid		
Account Number	1051		2051	• •	Surcharge - late filing fee or oath		
Deposit Account LSI Logic Corporation	1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet		
Name	1053 130 1053 130				on-English specification		
The Director is authorized to: (check all that apply) Charge fee(s) indicated below Credit any overpayments	1812	2,520	1812	2,520	For filing a request for ex parte reexamination		
Charge any additional fee(s) or any underpayment of fee(s)	1804	1804 920* 1804 920* Requesting publication of SIR prior to Examiner action					
Charge fee(s) indicated below, except for the filing fee	1805	1805 1,840* 1805 1,840* Requesting publication of SIR after					
to the above-identified deposit account.	1251	Examiner action 251 110 2251 55 Extension for reply within first month					
FEE CALCULATION	1252						
1. BASIC FILING FEE Large Entity Small Entity	1253	950	2253	475	Extension for reply within third month		
Fee Fee Fee Fee Fee Description Fee Paid Code (\$) Code (\$)	1254	1,480	2254	740	Extension for reply within fourth month		
1001 770 2001 385 Utility filing fee	1255	2,010	2255	1,005	Extension for reply within fifth month		
1002 340 2002 170 Design filing fee	1401	330	2401	165	Notice of Appeal		
1003 530 2003 265 Plant filing fee	1402		2402		Filing a brief in support of an appeal		
1004 770 2004 385 Reissue filing fee	1403		2403		Request for oral hearing		
1005 160 2005 80 Provisional filing fee	1451 1452	1,510	1451 2452		Petition to institute a public use proceeding		
1 SUBTOTAL (1) (\$) 0.00			2452		Petition to revive - unavoidable		
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE		1,330 1,330	2501		Petition to revive - unintentional Utility issue fee (or reissue)		
Fee from Ext <u>ra Claims below Fee Paid</u>	1502	· ·	2502		Design issue fee		
Total Claims	1503	640	2503	320	Plant issue fee		
Claims - 3** = X = X Multiple Dependent	1460	130	1460	130	Petitions to the Commissioner		
Multiple Dependent	1807	50	180	7 50	Processing fee under 37 CFR 1.17(q)		

						1,000	2700	000	1 Cuton to revive - annitentional	$\overline{}$
2. EXTR	A CLA	IM F	EES	FOR UTILITY AND REISSUE	1501	1,330	2501	665	Utility issue fee (or reissue)	
	_		E	xtra Claims below Fee Paid	1502	480	2502	240	Design issue fee	
Total Clain	_	_	-20**	= × =	1503	640	2503	320	Plant issue fee	
Independe Claims	L		- 3**	=	1460	130	1460	130	Petitions to the Commissioner	
Multiple De	ependen	t		=	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
Large Ent		nall E		Para Barantakan	1806	180	1806	180	Submission of Information Disclosure Stmt	
Fee Fee Code (\$)	C	ee F ode ((\$)	Fee Description	8021	40	8021		Recording each patent assignment per property (times number of properties)	
1202 18	3	2202	9	Claims in excess of 20	1809	770	2809		Filing a submission after final rejection	
1201 86	う	2201	43	Independent claims in excess of 3					(37 CFR 1.129(a))	
1203 290		2203	145	Multiple dependent claim, if not paid	1810	770	2810	385	For each additional invention to be	
1204 80	3	2204	43	** Reissue independent claims					examined (37 CFR 1.129(b))	
				over original patent	1801	770	2801	385	Request for Continued Examination (RCE)	
1205 18	3	2205	9	** Reissue claims in excess of 20 and over original patent	1802	900	1802	900	Request for expedited examination of a design application	
			CUDT	OTAL (2) (\$\ 0.00	Other	fee (sp	ecify)			<u></u>

SUBMITTED BY

Name (Print/Type)

Leo J Peters

Registration No. (Attornev/Agent)

Signature

(Complete (if applicable))

Telephone 408-433-4578

Date

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$) 0.00

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

**or number previously paid, if greater; For Reissues, see above

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Anwar Ali et. al.

Serial No.:

10/614,402

Filed:

July 03, 2003

For O P & Cree I

Integrated Circuit Design for both Input Output Limited and Core Limited Integrated Circuits

§ § § § Group Art Unit :

2811

Examiner:

§

Atty Docket:

5201-26601 / 02-

6109

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on the date below:

Mark Salvatore

Wwember 13, 2003

Date

Signature

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

The references listed in the attached form, copies of which are attached, may be material to examination of above-identified application. Applicants submit these references in compliance with their duty of disclosure pursuant to 37 CFR 1.56 and 1.97.

It is requested that the information disclosed herein be made of record in the application.

This Information Disclosure Statement is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that these references indeed constitute prior art.

If it is determined that any additional fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account 12-2252.

LSI Logic Corporation 1551 McCarthy Blvd., MS D-106 Milipitas, CA 95035 408-433-7475

Date: 11/13/03

Respectfully submitted,

Łeo Peters

Reg. No. 33,562

NOV 17	Inder the	□ /o'`	6. 12 2000 s aggle	Appro Patent and Tradema quired to respond to a collection of information	PTO/SB/08A (10-96) oved for use through 10/31/99. OMB 0651-0031 irk Office: U.S. DEPARTMENT OF COMMERCE n unless it displays a valid OMB control number.	+
100	F		~/	l	plete if Known	
INTEA	RMATIOI	A DISON	DSMEE	Application Number	10/614,402	
OT A	EMENT	DA VDDI	ICANT.	Filing Date	July-03, 2003	
SIA		DI APPI	LICANI	First Named Inventor	Anwar Ali	
				Group Art Unit	2811	
				Examiner Name		1
Sheet	1	of	1	Attorney Docket No.	5201-26601 / 02-6109	フ

U.S. PATENT DOCUMENTS							
Examiner Initials	Cite No.	U.S. Patent Document Number Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
-		6,057,169	Singh et al.	05-02-2000			
		6,159,826	Kim et al.	12-12-2000			
		6,242,814	Bassett	06-05-2001			

_	OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS						
Examiner Initials	Cite No.	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, caalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where					
		"Circuit Component Placement", Ali, Anwar et al., Serial No. 10/140,965, filed May 8, 2002					

Examiner	Date	
signatur	considered	